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Application / Conf. No.	Unknown /	
Filing Date	November 16, 2001	6
First Named Inventor	Nigel G. Herron	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Group Art Unit	Unknown	27
Examiner Name	Unknown	80
Attorney Docket Number	X-915 US	7

				U.S. PATENT DOCUM	MENTS	
Examiner Cite		U.S. Patent Do	cument	Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines,
Examiner Initials *	No.'	Number	Kind Code ² (if known)	of Cited Document	Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
DT		5,914,6	516	Young et al.	06-22-99	
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	FOREIGN PATENT DOCUMENTS								
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

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Application / Conf. No.	09/991,410 / 3711					
Filing Date	November 16, 2001					
First Named Inventor	Nigel G. Herron					
Art Unit	2819					
Examiner Name	Unknown					
Attorney Docket Number	X-915 US					

		Document Number		DOCUMENTS	
Examiner Initials	Cite No.'	Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
27		US- 5,361,373	11-01-94	Gilson	Figures Appear
		US- 5,537,601	07-16-96	Kimura et al.	
-V_		US- 5,652,904	07-29-97	Trimberger	
OT		US- 5,752,035	05-12-98	Trimberger	
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URE	Filing Date	November 16, 2001
ANT	First Named Inventor	Nigel G. Herron
7.1.1	Art Unit	2819
	Examiner Name	Unknown
	Attorney Docket Number	X-915 US

			U.S. PATENT	DOCUMENTS	
Examiner Initials *	Cite No.1	Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
27		US- 5,671,355	09-23-97	Collins	
1		US- 5,970,254	10-19-99	Cooke et al.	
	ilin. Asir -represent consid	US- 6,020,755	02-01-00	Andrews et al.	THE PROPERTY OF THE PROPERTY O
	************	US- 6,096,091	08-01-00	Hartmann	
		US- 6,279,045 B1	08-21-01	Muthujumaraswathy et al.	
		US- 6,282,627 B1	08-28-01	Wong et al.	
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Filing Date	November 16, 2001
First Named Inventor	Nigel G. Herron
Art Unit	2819
Examiner Name	Unknown
Attorney Docket Number	X-915 US

		OTHER NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No ^{.1}	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T :
951		Cary D. Snyder and Max Baron; "Xilinx's A-to-Z System Platform"; Cahners Microprocessor; The Insider's Guide to Microprocessor Hardware; Microdesign Resources; February 26, 2001; pp. 1-5.	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet	1	of	1	Attorney Docket Number	X-915 US		

5	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials * No.1	Number - Kind Code (if known)	MM-DD-YYYY	Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
DT		US- 4,855,669	08-08-89	Mahoney	
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Application / Conf. No.	09/991,410 / 3711			
Filing Date	ling Date November 16, 2001			
First Named Inventor Nigel G. Herron				
Art Unit	2819			
Examiner Name	Unknown			
Attorney Docket Number	X-915 US			

			U.S. PATENT	DOCUMENTS	
Examiner Initials *	Cite No.1	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
DT	140.	US- 4,758,985	07-19-88	Carter	Figures Appear
	***************************************	US- 5,142,625	08-25-92	Nakai	
		US- 6,467,009	10-15-02	Winegarden et al.	
*******************************		US- 34,363	08-31-93	Freeman	
	***************************************	US- 5,072,418	12-10-91	Boutaud et al.	RECEIVED
		US- 5,274,570	12-28-93	Izumi et al.	HEULIVED
	***************************************	US- 5,550,782	08-27-96	Cliff et al.	JAN 2 2 2004
*****************	***************************************	US- 5,347,181	09-13-94	Ashby et al.	JAN C & EUU4
	***************************************	US- 5,339,262	08-16-94	Rostoker et al.	Toobasiasy Contar 0100
	>>>===================================	US- 5,311,114	05-10-94	Sambamurthy et al.	Technology-Center 2100
	······	US- 5,504,738	04-02-96	Sambamurthy et al.	
*******************	***************************************	US- 5,552,722	09-03-96	Kean	
	***************************************	US- 09/991,412	11-16-01	Herron et al.	
	****************	US- 09/991,410	11-16-01	Herron et al.	
	***************************************	US- 5,457,410	10-10-95	Ting	2
	***************************************	US- 5,740,404	04-14-98	Вајі	
***************************************	***************************************	US- 5,581,745	12-03-96	Muraoka	
	~~ · · · · · · · · · · · · · · · · · ·	US- 5,742,179	04-21-98	Sasaki	
$\neg V$		US- 5,600,845	02-04-97	Gilson	
n T	**************************************	US- 5,574,930	11-12-96	Halverson Jr., et al.	

	FOREIGN PATENT DOCUMENTS						
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	T 6	
Initials *	tials No.' Country Code - Number - Kind Code (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	T°		
DT		EP 0315275 A2	10-05-89	LSI Logic			
DT		WO 93 25968 A1	12-23-93	Furtek	<u>.</u>		
ØТ		EP 0 905 906 A2	03-31-99	Lucent			
DT		EP 1 235 351 A1	08-28-02	Matsushita Electric			
					····		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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First Named Inventor	Nigel G. Herro	n L	<u> </u>	<u> </u>		
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		OTHER NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No ⁻¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
DT		SAYFE KIAEI et al., "VLSI DESIGN OF DYNAMICALLY RECONFIGURABLE ARRAY PROCESSOR-DRAP," IEEE, February 1989, pp. 2484-2488, V3.6, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
		VASON P. SRINI, "FIELD PROGRAMMABLE GATE ARRAY (FPGA) IMPLEMENTATION OF DIGITAL SYSTEMS: AN ALTERNATIVE TO ASIC," IEEE, May 1991, pp. 309-314, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
		G. MAKI et al., "A RECONFIGURABLE DATA PATH PROCESSOR," IEEE, August 1991, pp. 18-4.1 to 18-4.4, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
		<u>IACOB DAVIDSON</u> , "FPGA IMPLEMENTATION OF RECONFIGURABLE MICROPROCESSOR," IEEE, March 1993, pp. 3.2.1 - 3.2.4, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
		CHRISTIAN ISELI et al., "BEYOND SUPERSCALER USING FPGA's," IEEE, April 1993, pp. 486-490, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
		P.C. FRENCH et al.,"A SELF-RECONFIGURING PROCESSOR,"; IEEE, July 1993, pp. 50-59, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
		Christian Iseli et al., "SPYDER: A RECONFIGURABLE VLIW PROCESSOR USING FPGA's," IEEE, July 1993, pp. 17-24, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
		MICHAEL J. WIRTHLIN et al., "THE NANO PROCESSOR: A LOW RESOURCE RECONFIGURABLE PROCESSOR," IEEE, February 1994, pp. 23-30, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
		WILLIAM S. CARTER, "THE FUTURE OF PROGRAMMABLE LOGIC and ITS IMPACT ON DIGITAL SYSTEM DESIGN," April 1994, IEEE, pp. 10-16, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
		ANDRE' DEHON, "DPGA-COUPLED MICROPROCESSORS: COMMODITY ICs FOR THE EARLY 21ST CENTURY,"IEEE, February 1994, pp. 31 - 39, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
V 97	,	OSAMA T. ALBAHARNA, "AREA & TIME LIMITATIONS OF FPGA-BASED VIRTUAL HARDWARE," IEEE, April 1994, pp. 184 - 189, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	

				_
Examiner Signature	Davidran	Date Considered	8(6(04	

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DI		US- 5,473,267	12-05-95	Stansfield	1 ignies Appen
ì	Pre-140000 PRO-100000 PRO-100000	US- 5,742,180	04-21-98	DeHon et al.	
	***************************************	US- 5,737,631	04-07-98	Trimberger	
		US- 5,748,979	05-05-98	Trimberger	DECEMED
***************************************	******************************	US- 09/968,446	09-28-01	Douglass et al.	RECEIVED
	***************************************	US- 6,026,481	02-15-00	New et al.	0 0 0004
	***************************************	US- 5,705,938	01-06-98	Kean	JAN 2 2 2004
	***************************************	US- 5,500,943	03-19-96	Ho et al.	
	(4400-4400-000-000-0	US- 2003/0062922	04-03-03	Douglass et al.	Technology Center 2100
***************************************	Militaria militaria (con	US- 5,809,517	09-15-98	Shimura	
	@00000000000000000 0000000000000000000	US- 5,543,640	08-06-96	Sutherland et al.	
Z Solution (Xamenus Security	ernepasserenterneb*n	US- 5,574,942	11-12-96	Colwell et al.	
	***************	US- 6,604,228	08-05-03	Patel et al.	
	National Control of Control	US- 5,933,023	08-03-99	Young	
***************************************	·	US- 6,510,548	01-21-03	Squires	
	**************************************	US- 6,389,558	05-14-02	Herrmann et al.	
	***************************************	US- 5,732,250	03-24-98	Bates et al.	
	***************************************	US- 5,889,788	03-30-99	Pressly et al.	
		US- 5,874,834	02-23-99	New	
ĐΥ	**************************************	US- 5,835,405	11-10-98	Tsui et al.	

	FOREIGN PATENT DOCUMENTS							
Examiner Cit Initials * No	Cito	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	[
	No.¹	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Gred Deciment	or Relevant Figures Appear	T ⁶		

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Applicant's unique citation designation number (optional). See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Sheet 4 of 7

	information unless it contains a valid OMB control number.
Com	plete if Known
Application / Conf. No.	09/991,410 DECTIVED
Filing Date	09/991,410 PECTIVE D
First Named Inventor	Nigel G. Herron JAN 2 2 2004
Art Unit	2819 JAN 2. 2 2004
Examiner Name	Unknown Technology Center 2100
Attorney Docket Number	X-915 US

		OTHER NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No ⁻¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ²
DIF		XILINX, INC., "THE PROGRAMMABLE LOGIC DATA BOOK," 1994, Revised 1995, Xilinx, Inc., 2100 Logic Drive, San Jose, CA. 95124.	
		XILINX, INC., "THE PROGRAMMABLE LOGIC DATA BOOK," 1994, Revised 1995, pp 2-109 to 2-117, Xilinx, Inc., 2100 Logic Drive, San Jose, CA. 95124.	
		XILINX, INC., "THE PROGRAMMABLE LOGIC DATA BOOK," 1994, Revised 1995, pp 2-9 to 2-18; 2-187 to 2-199, Xilinx, Inc., 2100 Logic Drive, San Jose, CA. 95124.	
		XILINX, INC., "THE PROGRAMMABLE LOGIC DATA BOOK," 1994, Revised 1995, pp 2-107 to 2-108, . Xilinx, Inc., 2100 Logic Drive, San Jose, CA. 95124.	
	,	CHRISTIAN ISELI et al., "AC++ COMPILER FOR FPGA CUSTOM EXECUTION UNITS SYNTHESIS," 1995, pp. 173-179, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
		INTERNATIONAL BUSINESS MACHINES, "POWERPC 405 EMBEDDED PROCESSOR CORE USER MANUAL," 1996, 5TH Ed., pp. 1-1 TO X-16, International Business Machines, 1580 Rout 52, Bldg. 504, Hopewell Junction, NY 12533-6531.	
		YAMIN LI et al., "AIZUP-A PIPELINED PROCESSOR DESIGN & IMPLEMENTATION ON XILINX FPGA CHIP," IEEE, September 1996, pp 98-106, 98-106, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	`
		RALPH D. WITTIG et al., "ONECHIP: AN FPGA PROCESSOR WITH RECONFIGURABLE LOGIC, April 17, 1996, pp 126-135, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
	XILINX, INC., "THE PROGRAMMABLE LOGIC DATA BOOK," January 27, 1999, Ch. 3, pp 3-1 TO 3-50, Xilinx, Inc., 2100 Logic Drive, San Jose, CA 95124		
WILLIAM B. ANDREW et al., "A FIELD PROGRAMMABLE SYSTEM CHIP WHICH COMBINES FPGA & ASIC CIRCUITRY," IEEE, May 16, 1999, pp. 183-186, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997		,	
27	ir.	XILINX, INC., "THE PROGRAMMABLE LOGIC DATA BOOK," 2000, Ch. 3 pp 3-1 TO 3-117, Xilinx, Inc., 2100 Logic Drive, San Jose, CA 95124	
			_

Examiner Signature Date Considered 86664

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 5 of 7

Complete if Known						
Application / Conf. No.	09/991,410 / 3711					
Filing Date	November 16, 2001					
First Named Inventor	Nigel G. Herron					
Art Unit	2819					
Examiner Name	Unknown					
Attorney Docket Number	X-915 US					

			U.S. PATENT	DOCUMENTS	
Examiner	Cite No.1	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
DT	140.	US- 6,011,407	01-04-00	New	Figures Appear
	******************	US- 6,172,990	01-09-01	Deb et al.	
	CONTRACTOR OF COMMON CONTRACTO	US- 09/917,304	07-27-01	Douglass et al.	
	***************************************	US- 5,760,607	06-02-98	Leeds et al.	RECEIVED
		US- 5,892,961	04-06-99	Trimberger '	
***************************************	AND CONTRACTOR OF THE PARTY OF	US- 6,601,227	07-29-03	Trimberger	JAN 2 2 2004
***************************************	30000000000000000000000000000000000000	US- 09/861,112	05-18-01	Dao et al.	
	**********************	US- 09/858,732	05-15-01	Schulz	Technology Center 2100
************************	**************************************	US- 6,178,541	01-23-01	Joly et al.	Trechnology Genter 2100
	300000000000000000000000000000000000000	US- 6,541,991	04-01-03	Horncheck et al.	
		US- 2001/0049813	12-06-01	Chan et al.	
	2*************************************	US- 5,914,902	06-22-99	Lawrence et al.	and the state of t
	***************************************	US- 6,532,572	03-11-03	Tetelbaum	
	******************	US- 6,154,051	11-28-00	Nguyen et al.	
	***************************************	US- 6,181,163	01-30-01	Agrawal et al.	The state of the s
***************************************	***************************************	US- 6,356,987	03-12-02	Aulas	
		US- 6,301,696	10-09-01	Lien et al.	
	**************************************	US- 6,211,697	04-03-01	Lien et al.	
V	***************************************	US- 6,163,166	12-19-00	Bielby et al.	
DT		US- 6,272,451	08-07-01	Mason et al.	

	FOREIGN PATENT DOCUMENTS							
	Cite	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	T_ 6		
	No.¹	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear			
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¹ Applicant's unique citation designation number (optional). ² See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¹ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Complete if Known Substitute for form 1449A/PTO 3711 Application / Conf. No. 09/991,410 November 16, 2001 INFORMATION DISCLOSURE **Filing Date First Named Inventor** Nigel G. Herron STATEMENT BY APPLICANT Art Unit 2819 (use as many sheets as necessary) **Examiner Name** Unknown Attorney Docket Number X-915 US of Sheet

		OTHER NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No ^{.1}	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ²
22		XILINX, INC., "THE PROGRAMMABLE LOGIC DATA BOOK," 2000, Ch 3, pp 3-7 TO 3-17; 3-76 TO 3-87, Xilinx, Inc., 2100 Logic Drive, San Jose, CA. 95124.	
ØT		INTERNATIONAL BUSINESS MACHINES, "PROCESSOR LOCAL BUS" Architecture Specifications, 32-Bit Implementation, April 2000, First Edition, V2.9, pp. 1-76, IBM Corporation, Department H83A, P.O. Box 12195, Research Triangle Park, NC 27709	
DT		XILINX, INC., "VIRTEX II PLATFORM FPGA HANDBOOK, December 6, 2000, v1.1, pp 33-75, Xilinx, Inc., 2100 Logic Drive, San Jose, CA. 95124.	'
		RECEIVED	
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Sheet 7 of 7

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Filing Date	November 16, 2001				
First Named Inventor	Nigel G. Herron				
Art Unit	2819				
Examiner Name	Unknown				
Attorney Docket Number	X-915 US				

•			U.S. PATENT	DOCUMENTS		
Examiner	Cite	Document Number Number - Kind Code (if known,	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	
DT	110.	US- 6,519,753	02-11-03	Ang	Figures Appear	
		US- 6,434,735	08-13-02	Watkins	***************************************	
	***************************************	US- 6,588,006	07-01-03	Watkins		
		US- 6,539,508	03-25-03	Patrie et al.		
		US- 6,587,995	07-01-03	Duboc et al.		
	***************************************	US- 6,242,945	06-05-01	New		
		US- 6,460,172	10-01-02	Insenser Farre et al.	DEOCNICO	
	ominicommunicaco wei	US- 6,353,331	03-05-02	Shimanek	RECEIVED	
)0000 0-000000000	US- 6,507,942	01-14-03	Calderone et al.		
	***************************************	US- 6,518,787	02-11-03	Allegrucci et al.	JAN 2, 2, 2004	
	neralização positivo de conscious.	US- 6,611,951	08-26-03	Tetelbaum et al.		
91		US- 6,522,167	02-18-03	Ansari et al.	Technology Center 2100	
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FOREIGN PATENT DOCUMENTS							
Examiner Initials *	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	⊤ 6	
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